



PATENT  
Attorney Docket No.: MLNR-08101

#  
10 B (12)  
9-18-02  
MB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gwilym Luff et al.

Serial No.: 09/721,528

Filed: November 22, 2000

For: **NOVEL TOPOLOGY FOR A  
SINGLE ENDED INPUT DUAL  
BALANCED MIXER**

) Group Art Unit: 2682

) Examiner:

) **PRELIMINARY AMENDMENT**

) 162 North Wolfe Road  
) Sunnyvale, CA 94086  
) (408) 530-9700

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please amend the subject application by amending the specification, the drawing, and  
claims:

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**AMENDMENTS**

Version with markings to show changes made.

IN THE SPECIFICATION:

page 4, lines 29-30

shown. The mixer includes [of] the mixer core 50 and the RF input stage 60. The mixer core 50  
is coupled to the RF input stage 60. The mixer core 50 includes [of] four transistors ....

CERTIFICATE OF MAILING (37 CFR § 1.8(a).

I hereby certify that this paper (along with any  
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Commissioner for Patents, Washington D.C. 20231

HAVERSTOCK & OWENS LLP.

Date: 8/23/02 By: N. Mark



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For: **NOVEL TOPOLOGY FOR A  
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BALANCED MIXER**

) Group Art Unit: 2682

) Examiner:

) **TRANSMITTAL LETTER**

) 162 North Wolfe Road  
) Sunnyvale, CA 94086  
) (408) 530-9700

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Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Enclosed please find a Preliminary Amendment including one drawing for filing with the U.S. Patent and Trademark Office.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: August 29, 2002

By:   
Thomas B. Haverstock  
Reg. No.: 32,571

Attorneys for Applicants

CERTIFICATE OF MAILING (37 CFR § 1.8(a),

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington D.C. 20231

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HAVERSTOCK & OWENS LLP.

Date: 8/29/02 By: 